

Form PTO-1440S, DEPARTMENT OF COMMERCE  
(Substitute) PATENT AND TRADEMARK OFFICEAttorney Docket Number  
SHPR-01028US5Serial Patent Number  
10/074,347**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**  
(Use several sheets if necessary)Applicant Patent Owner  
Charles E. Taylor, et al.Filing Issue Date  
February 12, 2002Group Art Unit  
1741**U.S. PATENTS**

Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
<i>jm</i>	1.	2,327,588	Aug. 24, 1943	Bennett	315	326	Jun. 1, 1940
	2.	3,981,695	Sep. 21, 1976	Fuchs	96	77	Nov. 2, 1973
	3.	3,984,215	Oct. 5, 1976	Zucker	95	81	Jan. 8, 1975
	4.	4,227,894	Oct. 14, 1980	Proynoff	96	58	Oct. 10, 1978
	5.	4,477,263	Oct. 16, 1984	Shaver et al.	95	7	Jun. 28, 1982
	6.	4,496,375	Jan. 29, 1985	Le Vantine	96	66	Jun. 14, 1983
	7.	4,643,745	Feb. 17, 1987	Sakakibara et al.	96	76	Dec. 17, 1984
	8.	4,713,724	Dec. 15, 1987	Voelkel	361	231	Jun. 30, 1986
	9.	4,789,801	Dec. 6, 1988	Lee	310	308	Apr. 3, 1987
	10.	4,811,159	Mar. 7, 1989	Foster, Jr.	361	231	Mar. 1, 1988
	11.	4,941,068	Jul. 10, 1990	Hofmann	361	231	Aug. 1, 1988
	12.	5,024,685	Jun. 18, 1991	Torok et al.	96	43	Jun. 30, 1988
	13.	5,141,529	Aug. 25, 1992	Oakley et al.	95	57	Jun. 28, 1990
	14.	5,215,558	Jun. 1, 1993	Moon	96	62	Jun. 11, 1991
	15.	5,316,741	May 31, 1994	Sewell et al.	422	186.21	May 30, 1991
	16.	5,484,472	Jan. 16, 1996	Weinberg	96	26	Feb. 6, 1995
	17.	5,535,089	Jul. 9, 1996	Ford et al.	361	231	Oct. 17, 1994
	18.	5,601,636	Feb. 11, 1997	Glucksman	96	63	May 30, 1995
	19.	5,656,063	Aug. 12, 1997	Hsu	95	58	Jan. 29, 1996
	20.	5,702,507	Dec. 30, 1997	Wang	96	55	Sep. 17, 1996
<i>jm</i>	21.	5,779,769	Jul. 14, 1998	Jiang	96	55	Oct. 24, 1995



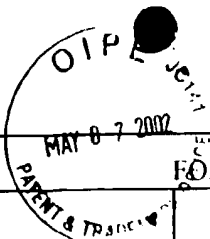
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Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
<i>Mr</i>	23.	5,975,090	Nov. 2, 1999	Taylor et al.	132	116	Sep. 29, 1998
<i>Mr</i>	24.	6,126,722	Oct. 3, 2000	Mitchell et al.	95	57	Jul. 28, 1998
<i>Mr</i>	25.	6,152,146	Nov. 28, 2000	Taylor et al.	132	116	Jun. 25, 1999
<i>Mr</i>	26.	6,163,098	Dec. 19, 2000	Taylor et al.	310	308	Jan. 14, 1999
<i>Mr</i>	27.	6,176,977	Jan. 23, 2001	Taylor et al.	204	176	Nov. 5, 1998
<i>Mr</i>	28.	6,182,671	Feb. 6, 2001	Taylor et al.	132	116	Oct. 8, 1999

U.S. PATENT PUBLICATIONS				
Examiner Initial		Patent Application Publication Number	Publication Date	Applicant

PENDING U.S. PATENT APPLICATIONS					
Examiner Initial		Application Number	Filing Date	First Named Inventor	Petition to Expunge? Yes   No
<i>Mr</i>	29.	09/197,131	Nov. 20, 1998	Taylor et al.	
	30.	10/023,197	Dec. 13, 2001	Taylor et al.	X
	31.	10/023,460	Dec. 13, 2001	Taylor et al.	X
	32.	10/074,209	Feb. 12, 2002	Taylor et al.	X
	33.	10/074,207	Feb. 12, 2002	Taylor et al.	X
	34.	10/074,208	Feb. 12, 2002	Taylor	X
	35.	10/074,339	Feb. 12, 2002	Taylor et al.	X
	36.	10/074,827	Feb. 12, 2002	McKinney, Jr., et al.	X
	37.	10/074,549	Feb. 12, 2002	Sinaiko et al.	X
	38.	10/074,103	Feb. 12, 2002	Sinaiko et al.	X
<i>Mr</i>	39.	10/074,096	Feb. 12, 2002	Taylor et al.	X



## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Publication Date	Country	Class	Subclass	Trans- lation Yes   No

## OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)

<i>mm</i>	42.	"Zenion Elf Device", drawing, prior art, 1 page.
<i>I</i>	43.	Electrical Schematic and promotional material available from Zenion Industries, 7 pages, August 1990.
<i>I</i>	44.	Promotional material available from Zenion Industries for the Plasma-Pure 100/200/300, 2 pages, August 1990.
<i>mm</i>	45.	Promotional material available from Zenion Industries for the Plasma-Tron, 2 pages, August 1990.

Examiner

*Redney McDaniel*

Date Considered

*3/30/04*

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*1 = Copy not submitted because it was submitted in prior application SN   /  , filed           , 20  , relied on under 35 USC §120.

\*2 = Copy not submitted because it was submitted in prior application SN   /  , filed           , 20  , relied on under 35 USC §120.





PTO-1449 (Substitute)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use several sheets if necessary)</i>	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Attorney Docket Number <b>SHPR-01028US5</b>	Serial Patent Number <b>10/074,347</b>
	Applicant/Patent Owner <b>Charles E. Taylor, et al.</b>			
	Filing/Issue Date <b>February 12, 2002</b>		Group Art Unit <b>1741</b>	

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Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
<i>pm</i>	1	2,949,550	Aug. 16, 1960	Brown	310	5	Jul. 3, 1957
	2	4,052,177	Oct. 4, 1977	Kide	55	139	Mar. 1, 1976
	3	4,138,233	Feb. 6, 1979	Masuda	55	139	Jun. 16, 1977
	4	4,209,306	Jun. 24, 1980	Feldman et al.	55	2	Nov. 13, 1978
	5	4,231,766	Nov. 4, 1980	Spurgin	55	138	Dec. 11, 1978
	6	4,232,355	Nov. 4, 1980	Finger et al.	361	235	Jan. 8, 1979
	7	4,244,712	Jan. 13, 1981	Tongret	55	124	Mar. 5, 1979
	8	4,259,452	Mar. 31, 1981	Yukuta et al.	521	52	May 15, 1979
	9	4,266,948	May 12, 1981	Teague et al.	55	126	Jan. 4, 1980
	10	4,282,014	Aug. 4, 1981	Winkler et al.	55	105	May 21, 1979
	11	4,342,571	Aug. 3, 1982	Hayashi	55	137	Jun. 14, 1978
	12	4,386,395	May 31, 1983	Francis, Jr.	363	27	Dec. 19, 1980
	13	4,413,225	Nov. 1, 1983	Donig et al.	323	246	Jul. 17, 1981
	14	4,445,911	May 1, 1984	Lind	55	2	Dec. 15, 1981
	15	4,502,002	Feb. 26, 1985	Ando	323	237	Sep. 2, 1982
	16	4,536,698	Aug. 20, 1985	Shevalenko et al.	323	237	Aug. 25, 1983
	17	4,587,475	May 6, 1986	Finney, Jr., et al.	323	241	Jul. 25, 1983
	18	4,600,411	Jul. 15, 1986	Santamaria	55	139	Apr. 6, 1984
	19	4,601,733	Jul. 22, 1986	Ordines et al.	55	139	Sep. 27, 1984
	20	4,626,261	Dec. 2, 1986	Jorgensen	55	2	Dec. 12, 1985
	21	4,659,342	Apr. 21, 1987	Lind	55	2	Apr. 30, 1984
<i>pm</i>	22	4,674,003	Jun. 16, 1987	Zylka	361	235	Apr. 3, 1985



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	23	4,694,376	Sep. 15, 1987	Gesslauer	361	235	Sep. 26, 1985
	24	4,713,093	Dec. 15, 1987	Hansson	55	139	Jul. 8, 1986
	25	4,779,182	Oct. 18, 1988	Mickal et al.	363	37	Jun. 24, 1986
	26	4,808,200	Feb. 28, 1989	Dallhammer et al.	55	105	Nov. 12, 1987
	27	4,940,470	Jul. 10, 1990	Jaisinghani et al.	55	2	Mar. 23, 1988
	28	5,010,869	Apr. 30, 1991	Lec	123	539	Aug. 11, 1989
	29	5,196,171	Mar. 23, 1993	Peltier	422	121	Mar. 11, 1991
	30	5,217,504	Jun. 8, 1993	Johansson	55	2	Mar. 20, 1990
	31	5,302,190	Apr. 12, 1994	Williams	95	57	Jun. 8, 1992
	32	5,315,838	May 31, 1994	Thompson	62	129	Aug. 16, 1993
	33	5,378,978	Jan. 3, 1995	Gallo et al.	323	241	Apr. 2, 1993
	34	5,484,472 C1	Feb. 20, 2001	Weinberg	96	26	Feb 6, 1995
	35	5,578,112	Nov. 26, 1996	Krause	96	24	Jun. 1, 1995
	36	5,667,564	Sep. 16, 1997	Weinberg	96	58	Aug. 14, 1996
	37	5,814,135	Sep. 29, 1998	Weinberg	96	58	Sep. 15, 1997
	38	5,879,435	Mar. 9, 1999	Satyapal et al.	96	16	Jan. 6, 1997
	39	5,893,977	Apr. 13, 1999	Pucci	210	739	May 12, 1997
	40	5,972,076	Oct. 26, 1999	Nichols et al.	95	81	Sep 28, 1998
	41	6,019,815	Feb. 1, 2000	Satyapal et al.	95	74	Sep. 11, 1998
	42	6,042,637	Mar. 28, 2000	Weinberg	96	58	Sep 28, 1998
	43	6,063,168	May 16, 2000	Nichols et al.	96	80	Aug. 11, 1997
	44	6,086,657	Jul. 11, 2000	Freije	95	2	Feb. 16, 1999
	45	6,149,717	Nov. 21, 2000	Satyapal et al.	96	16	Dec. 22, 1998
	46	6,149,815	Nov. 21, 2000	Sauter	210	635	Nov. 23, 1999
	47	6,182,461 B1	Feb. 6, 2001	Washburn et al.	62	264	Jul. 16, 1999
	48	6,193,852 B1	Feb. 27, 2001	Caracciolo et al.	204	176	May 28, 1997
	49	6,212,883 B1	Apr. 10, 2001	Kang	60	275	Mar. 3, 2000
	50	6,252,012 B1	Jun. 26, 2001	Egitto et al.	525	431	Aug. 30, 1999



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<i>mm</i>	51.	6,270,733 B1	Aug. 7, 2001	Rodden	422	186.07	Feb. 17, 2000
	52.	6,277,248 B1	Aug. 21, 2001	Ishioka et al.	204	176	Jan. 5, 2000
	53.	D449,097 S	Oct. 9, 2001	Smith et al.	D23	364	May 1, 2000
	54.	6,302,944 B1	Oct. 16, 2001	Hoenig	96	16	Apr. 18, 2000
	55.	D449,679 S	Oct. 23, 2001	Smith et al.	D23	365	May 1, 2000
	56.	6,309,514 B1	Oct. 30, 2001	Conrad et al.	204	164	Nov. 7, 1994
	57.	6,312,507 B1	Nov. 6, 2001	Taylor et al.	96	19	Feb. 12, 1999
	58.	6,315,821 B1	Nov. 13, 2001	Pillion et al.	96	416	Jan. 11, 2001
	59.	6,328,791 B1	Dec. 11, 2001	Pillion et al.	96	418	May 3, 2000
	60.	6,350,417 B1	Feb. 26, 2002	Lau et al.	422	186.04	May 4, 2000
	61.	6,372,097 B1	Apr. 16, 2002	Chen	204	176	Apr. 14, 2000
	62.	6,379,427 B1	Apr. 30, 2002	Siess	95	57	Dec. 6, 1999
<i>mm</i>	63.	6,391,259 B1	May 21, 2002	Malkin et al.	422	28	Jun. 26, 1997

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Examiner Initial		Application Number	Filing Date	First Named Inventor	Petition to Expunge? Yes   No	
<i>mm</i>	64	09/669,253	Sep. 25, 2000	Taylor et al.		X
	65	09/669,268	Sep. 25, 2000	Taylor et al.		X
	66.	09/730,499	Dec. 5, 2000	Taylor et al.		X
	67.	09/742,814	Dec. 19, 2000	Taylor et al.		X
	68.	09/774,198	Jan. 29, 2001	Taylor		X
	69	60/306,479	July 18, 2001	Taylor		X
<i>mm</i>	70	09/924,624	Aug. 8, 2001	Taylor et al.		X

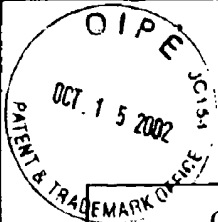


### PENDING U.S. PATENT APPLICATIONS

Examiner Initial		Application Number	Filing Date	First Named Inventor	Petition to Expunge? Yes   No	
<i>JP</i>	71.	09/924,600	Aug 8, 2001	Taylor et al		X
	72.	60/341,179	Dec. 13, 2001	Taylor et al		X
	73.	60/340,702	Dec. 13, 2001	Taylor et al		X
	74.	60/341,377	Dec. 13, 2001	Taylor et al		X
	75.	60/341,518	Dec 13, 2001	Taylor		X
	76.	60/340,288	Dec. 13, 2001	Taylor		X
	77.	60/341,176	Dec. 13, 2001	Taylor		X
	78.	60/340,462	Dec 13, 2001	Taylor		X
	79.	60/341,090	Dec. 13, 2001	Taylor		X
	80.	60/341,433	Dec. 13, 2001	Taylor		X
	81.	60/341,592	Dec. 13, 2001	Taylor		X
	82.	60/341,320	Dec 13, 2001	Taylor		X
	83.	10/074,082	Feb. 12, 2002	Taylor et al		X
	84.	10/156,158	May 28, 2002	Taylor et al		X
	85.	60/391,070	Jun. 6, 2002	Reeves		X
<i>JP</i>	86.	10/188,668	Jul. 2, 2002	Taylor et al		X

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Examiner Initial		Document Number	Publication Date	Country	Class	Sub-class	Translation Yes   No	
<i>JP</i>	87.	WO 01/47803 A1	Jul. 5, 2001	PCT				
	88.	WO 01/48781 A1	Jul. 5, 2001	PCT				
	89.	FR 2690509	Oct. 29, 1993	France			Abstract	
	90.	JP 10137007	May 26, 1998	Japan			Abstract	
	91.	JP 11104223	Apr. 20, 1999	Japan			Abstract	
<i>JP</i>	92.	JP 2000236914	Sept. 5, 2000	Japan			Abstract	



## OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)

*93.* LENTEK Sila™ Plug-In Air Purifier/Deodorizer product box copyrighted 1999.

Examiner

Date Considered

3/30/89

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